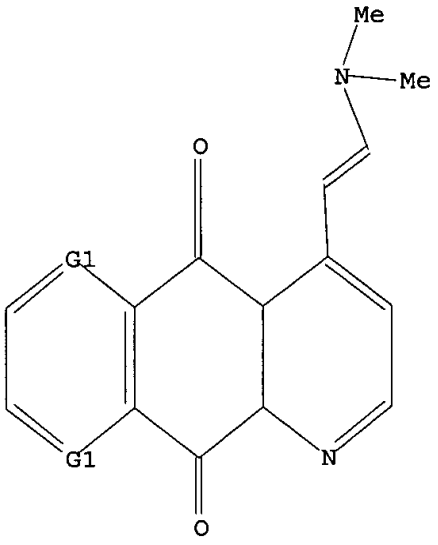
L1 HAS NO ANSWERS
L1 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 15:49:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       0 TO ITERATE

100.0% PROCESSED        0 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:             0 TO         0
PROJECTED ANSWERS:                0 TO         0

L2             0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 15:49:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       9 TO ITERATE

100.0% PROCESSED        9 ITERATIONS                                2 ANSWERS
SEARCH TIME: 00.00.01

L3             2 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              148.15     148.36

FILE 'CAPLUS' ENTERED AT 15:49:28 ON 09 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
```

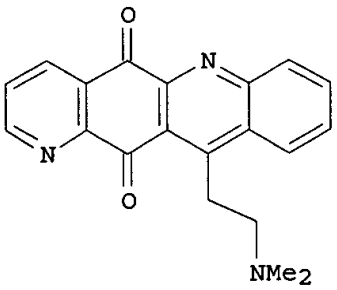
FILE COVERS 1907 - 9 May 2003 VOL 138 ISS 20
FILE LAST UPDATED: 8 May 2003 (20030508/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:97447 CAPLUS
DOCUMENT NUMBER: 132:265338
TITLE: Structural studies of cytotoxic marine alkaloids: synthesis of novel ring-E analogues of ascididemin and their in vitro and in vivo biological evaluation
AUTHOR(S): Lindsay, Brent S.; Christiansen, Holly C.; Copp, Brent R.
CORPORATE SOURCE: Department of Chemistry, University of Auckland, Auckland, N. Z.
SOURCE: Tetrahedron (2000), 56(3), 497-505
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:265338
GI



I

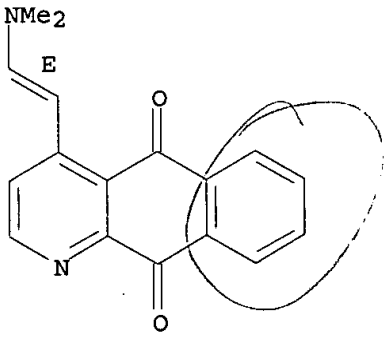
AB The cytotoxic marine alkaloid ascididemin and various pyridine ring-E

analogs have been synthesized in an attempt to det. the pharmaceutical utility and structure-activity requirements for the parent alkaloid. All compds. synthesized were evaluated in a wide range of biol. screens for selective cytotoxicity, antiviral, antifungal and antimicrobial properties. Many analogs exhibited selective cytotoxicity to human solid tumor cell-lines in vitro, with I also exhibiting moderate antitumor activity in in vivo xenograft assays.

IT **263359-19-9P**, NSC 686556
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(structural studies of cytotoxic marine alkaloids: synthesis of novel ring-E analogs of ascididemin and in vitro and in vivo biol. evaluation)

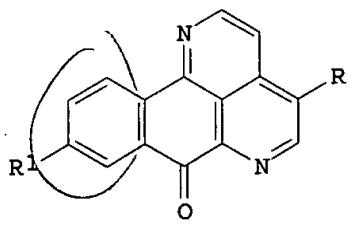
RN 263359-19-9 CAPLUS
CN Benzo[g]quinoline-5,10-dione, 4-[(1E)-2-(dimethylamino)ethenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

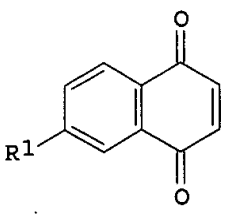


REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

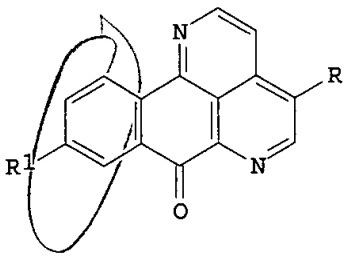
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1992:634318 CAPLUS
DOCUMENT NUMBER: 117:234318
TITLE: Total synthesis of eupomatidines-1, 2, and 3
AUTHOR(S): Kitahara, Yoshiyasu; Kubo, Akinori
CORPORATE SOURCE: Meiji Coll. Pharm., Tokyo, 154, Japan
SOURCE: Heterocycles (1992), 34(6), 1089-92
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 117:234318
GI



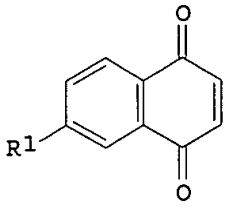
I



II



I



II

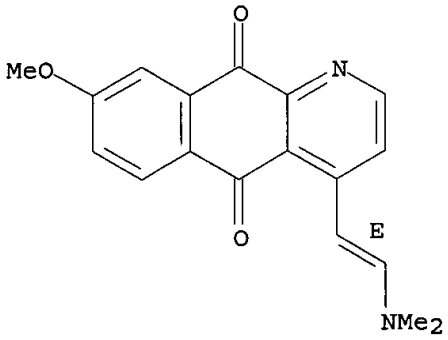
AB Three arom. alkaloids, eupomatidines-1 (I, R = H, R1 = MeO), 2 (I, R = MeO, R1 = H) and 3 (I, R = R1 = MeO), were synthesized from the corresponding 1,4-naphthoquinones II by hetero Diels-Alder reaction with 2-butenal dimethylhydrazones followed by one pot annulation of ring A.

IT **143704-00-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and intramol. cyclization of)

RN 143704-00-1 CAPLUS

CN Benzo[g]quinoline-5,10-dione, 4-[2-(dimethylamino)ethenyl]-8-methoxy-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.49	157.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 15:49:50 ON 09 MAY 2003